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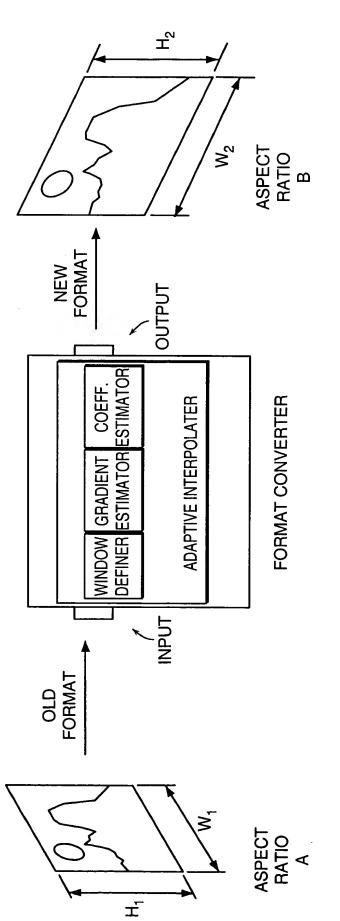
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | _ |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | _ |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | _ |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | _ |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | _ |

DESTINATION IMAGE (Id) DIMENSION 10x6 POINTS(PIXELS)

× × \times \times \times × × ×

DIMENSION 5x4 POINTS (PIXELS) ASPECT RATIO 5/3 SOURCE IMAGE (IS) ANAMORPHIC PIXELS

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FIG. 2

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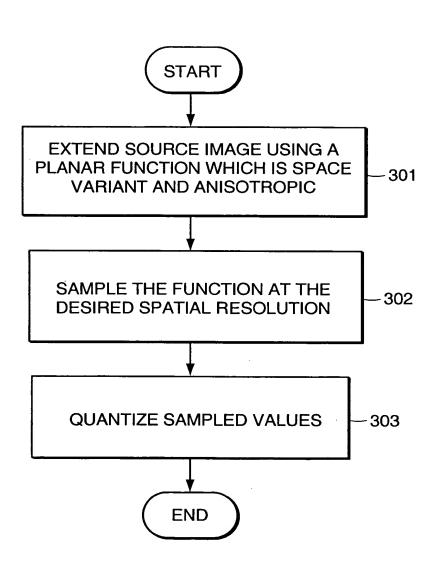


FIG. 3

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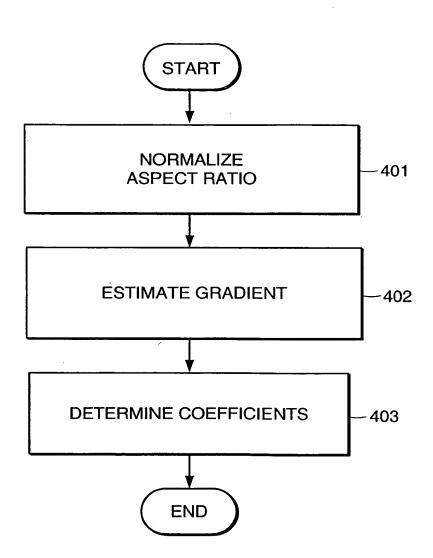


FIG. 4

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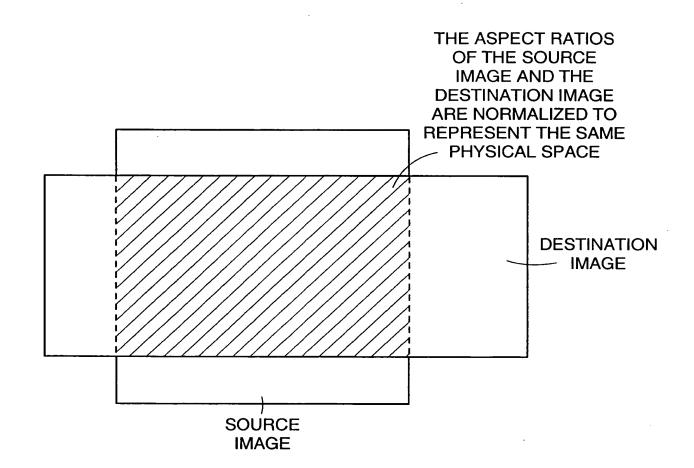
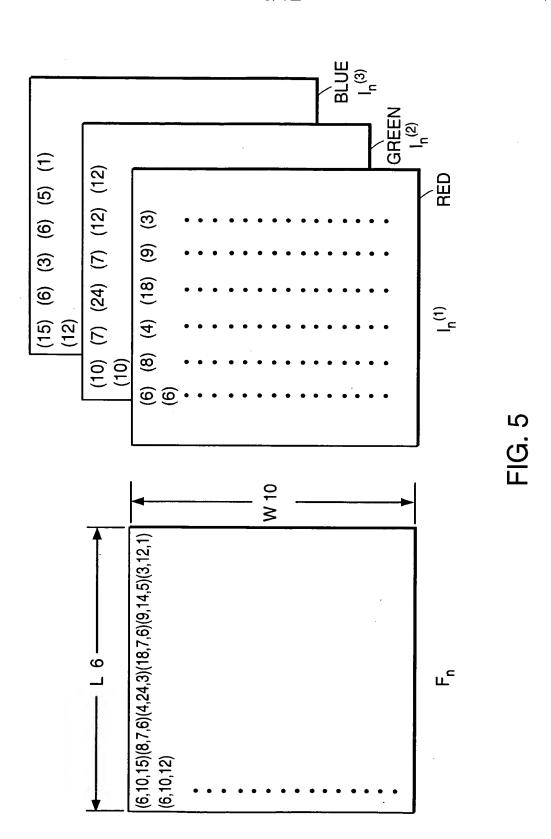


FIG. 4A

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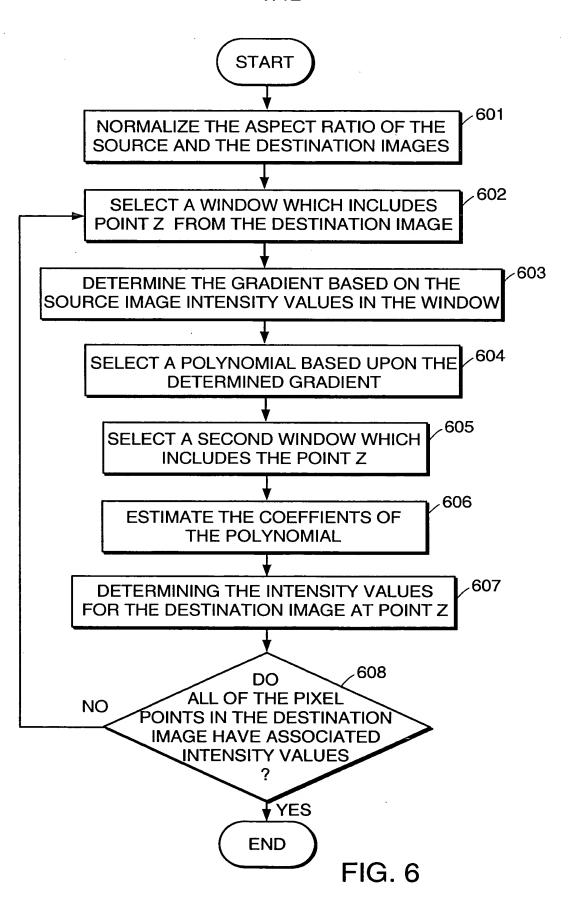
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| | | | | | | Z=(4,7)εG' | - | | | |
|---|---|---|---|----|----|------------|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | × | 0 | 0 | × | 0 | 0 | × | 0 | 0 |
| 0 | 0 | 0 | 0 | ,0 | 0, | ,0 | 0 | 0 | 0 | 0 |
| 0 | 0 | × | 0 | 0 | × | • | 0 | × | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | × | 0 | 0 | × | 0 | 0 | × | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| · | | | | | | | | | | |

G: THE POINTS(PIXELS) OF THE SOURCE IMAGE ARE REPRESENTED BY X'S G': THE POINTS(PIXELS) OF THE DESTINATION IMAGE ARE REPRESENTED BY 0'S

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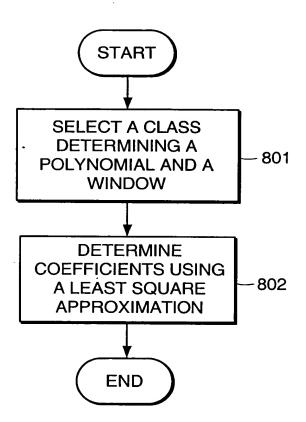


FIG. 8

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| GRAD | DIENT | | | |
|-----------|-------|-------|-------------------------|----------------|
| MAGNITUDE | | CLASS | POLYNOMIAL | WINDOW SIZE |
| 1 | 1 | 1 | A+Bx | 2 |
| 1 | 2 | 2 | • | • |
| 1 . | 3 | 3 | • | • |
| 1 | 4 | 4 | • | • |
| 2 | 1 | 5 | • | • |
| 2 | 2 | 6 | • | • |
| • | • | • | • | • |
| • | • • | • | • | |
| • | • | • | • | • |
| | • | • | | • |
| | , | 16 | A+Bx+Cy+Dx ² | 4 |

FIG. 9

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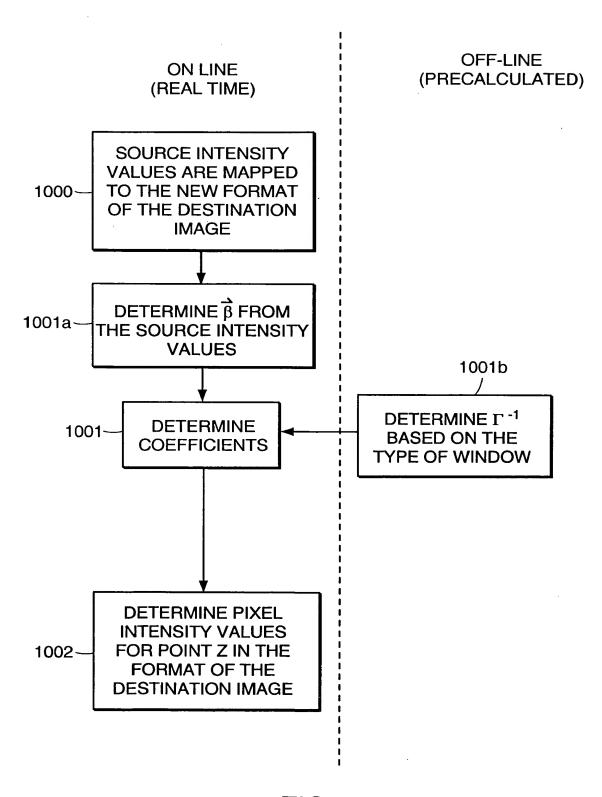


FIG. 10

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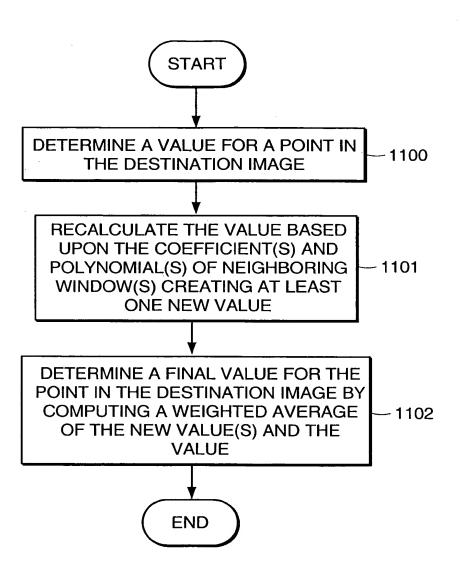


FIG. 11